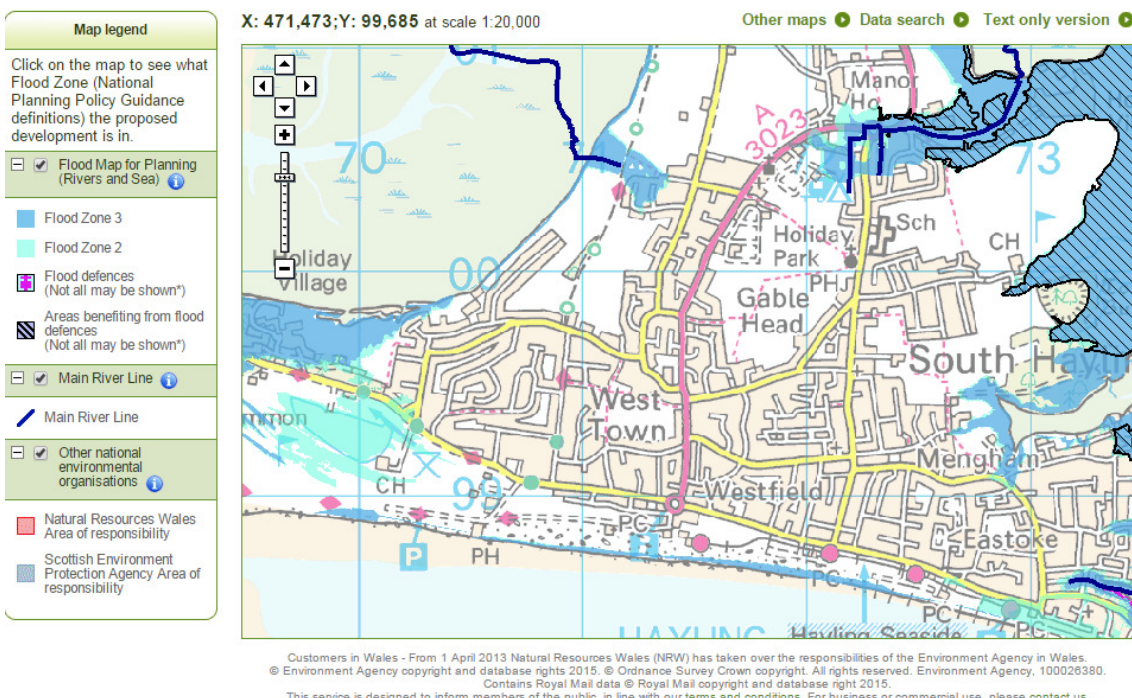






Enter a postcode or place name:

Hayling Island, Hampshire



Other topics for this area...

Flood Map for Planning (Rivers and Sea)

Flood Map for Planning (Rivers and Sea)

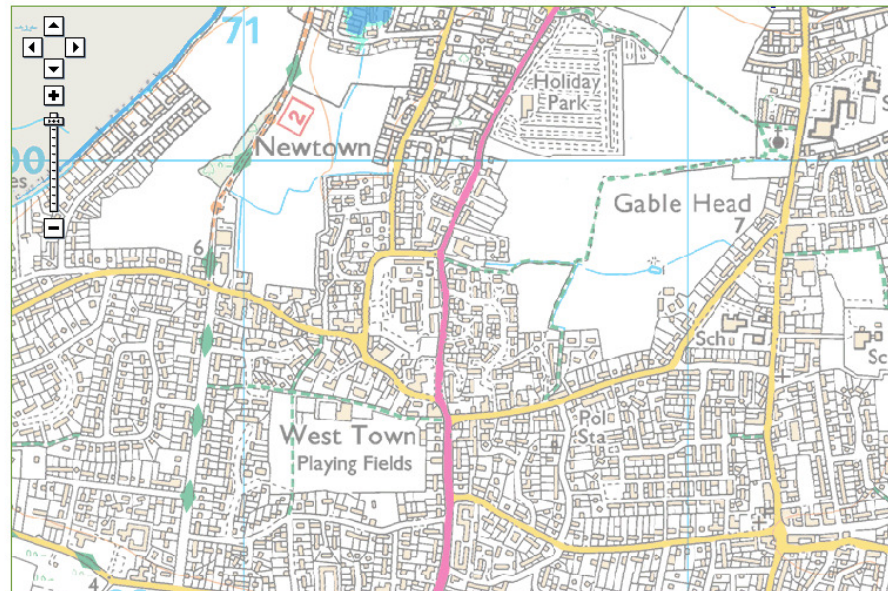
Map legend

Click on the map to see what Flood Zone (National Planning Policy Guidance definitions) the proposed development is in.

- ☒ Flood Map for Planning (Rivers and Sea)
- ☐ Flood Zone 3
- ☐ Flood Zone 2
- ☐ Flood defences (Not all may be shown*)
- ☐ Areas benefiting from flood defences (Not all may be shown*)
- ☒ Main River Line
- ☐ Main River Line
- ☒ Other national environmental organisations
- ☐ Natural Resources Wales Area of responsibility
- ☐ Scottish Environment Protection Agency Area of responsibility

X: 471,473;Y: 99,685 at scale 1:10,000

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EA web map Flood Zones

Flood Zone definitions are set out in the National Planning Policy Guidance:

- * Flood Zone 1 - land assessed as having a less than 1 in 1,000 annual probability of river or sea flooding (<0.1%)
- * Flood Zone 2 - land assessed as having between a 1 in 100 and 1 in 1,000 annual probability of river flooding (1% – 0.1%), or between a 1 in 200 and 1 in 1,000 annual probability of sea flooding (0.5% – 0.1%) in any year
- * Flood Zone 3 - land assessed as having a 1 in 100 or greater annual probability of river flooding (>1%), or a 1 in 200 or greater annual probability of flooding from the sea (>0.5%) in any year

Note: These flood zones refer to the probability of river and sea flooding, ignoring the presence of defences.



Enter a postcode or place name:

Other topics for this area...

Go

Risk of Flooding from Rivers and Sea

[View other Interactive Maps](#)

Risk of Flooding from Rivers and Sea

River flooding happens when a river cannot cope with the amount of water draining into it from the surrounding land. Sea flooding happens when there are high tides and stormy conditions.

The shading on the map shows the risk of flooding from rivers and the sea in this particular area.

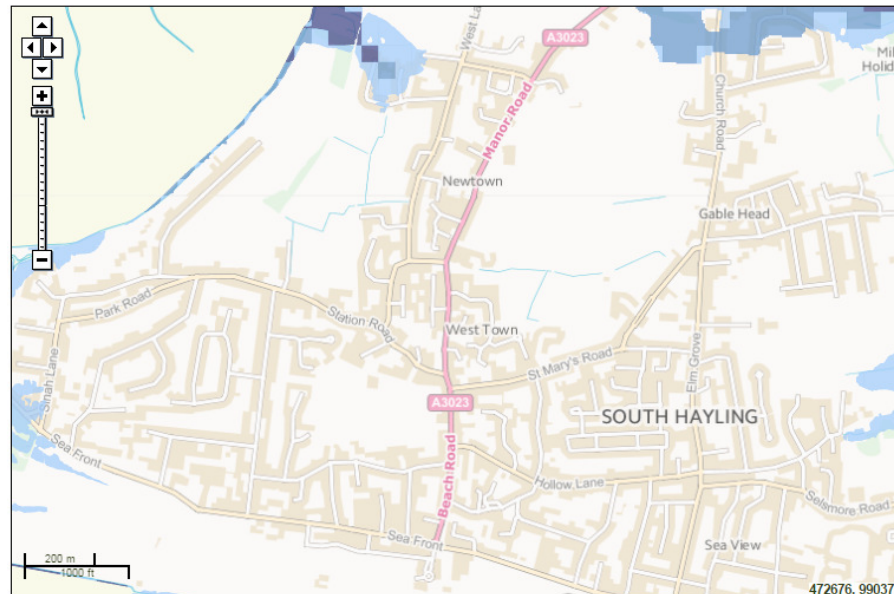
Click on the map for a more detailed explanation.

Map legend

- ☒ Risk of Flooding from Rivers and Sea
 - High
 - Medium
 - Low
 - Very Low
- ☒ Other national environmental organisations
 - Natural Resources Wales Area of responsibility
 - Scottish Environment Protection Agency Area of responsibility

Map of X: 471,473; Y: 99,684 at scale 1:10,000

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EA web map Risk of Flooding from Rivers and the Sea

What does 'very low' mean?

Very low means that each year, this area has a chance of flooding of less than 1 in 1000 (0.1%).

What does 'low' mean?

Low means that each year, this area has a chance of flooding of between 1 in 1000 (0.1%) and 1 in 100 (1%).

What does 'medium' mean?

Medium means that each year, this area has a chance of flooding of between 1 in 100 (1%) and 1 in 30 (3.3%).

What does 'high' mean?

High means that each year, this area has a chance of flooding of greater than 1 in 30 (3.3%).

This takes into account the effect of any flood defences that may be in this area. Flood defences reduce, but do not completely stop the chance of flooding as they can be overtopped or fail.



Enter a postcode or place name:

Other topics for this area...



Risk of Flooding from Reservoirs

[View other Interactive Maps](#)

Risk of Flooding from Reservoirs

Reservoir flooding is extremely unlikely to happen.

The shading on the map shows the area that could be flooded if a large reservoir were to fail and release the water it holds. A large reservoir is one that holds over 25,000 cubic metres of water, equivalent to approximately 10 Olympic sized swimming pools. Since this is a worst case scenario, it's unlikely that any actual flood would be this large.

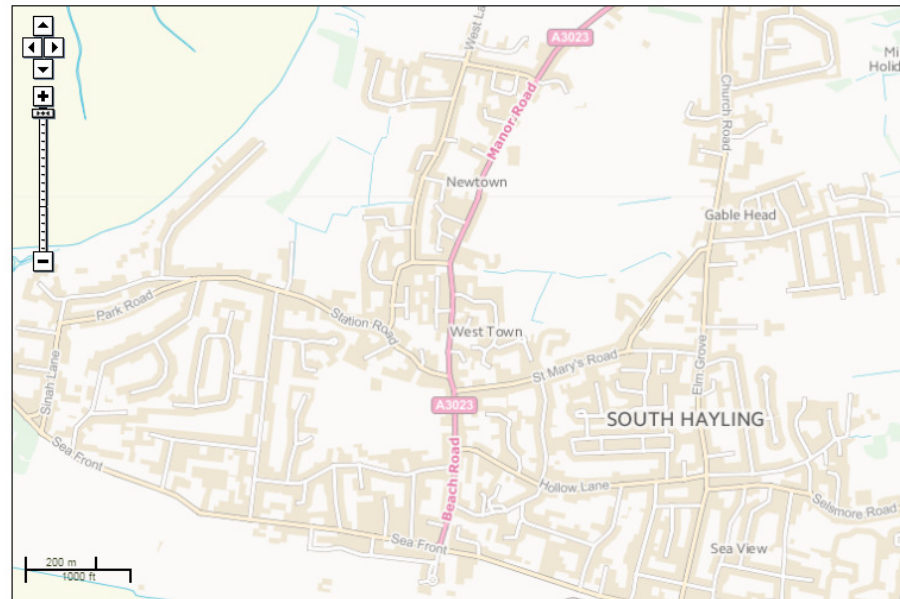
Click on the shading to see details of reservoirs that could cause flooding in this area.

Map legend

- ☒ Risk of Flooding from Reservoirs
- ☐ Maximum extent of flooding
- ☒ Other national environmental organisations
- ☐ Natural Resources Wales Area of responsibility
- ☐ Scottish Environment Protection Agency Area of responsibility

Map of X: 471,473; Y: 99,684 at scale 1:10,000

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EA web map Risk of flooding from Reservoirs

Where an extent is shown:

N/A for this site

Reservoir flooding is extremely unlikely to happen. There has been no loss of life in the UK from reservoir flooding since 1925. All large reservoirs must be inspected and supervised by reservoir panel engineers. As the enforcement authority for the Reservoirs Act 1975 in England, we ensure that reservoirs are inspected regularly and essential safety work is carried out.

However, in the unlikely event that a reservoir dam failed, a large volume of water would escape at once and flooding could happen with little or no warning. If you live or work in an area that could be affected, you should plan in advance what you would do in an emergency. You may need to evacuate immediately. Consider where you would go to safety, and be ready to follow the advice of emergency services.

To find out about local emergency plans, contact the local authority listed above. Be aware that they may not be able to give you any specific information immediately as developing reservoir emergency plans is a new responsibility.



Enter a postcode or place name:

Other topics for this area...

Go

Risk of Flooding from Surface Water

[View other Interactive Maps](#)

Risk of Flooding from Surface Water

Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soak into the ground, but lies on or flows over the ground instead.

The shading on the map shows the risk of flooding from surface water in this particular area.

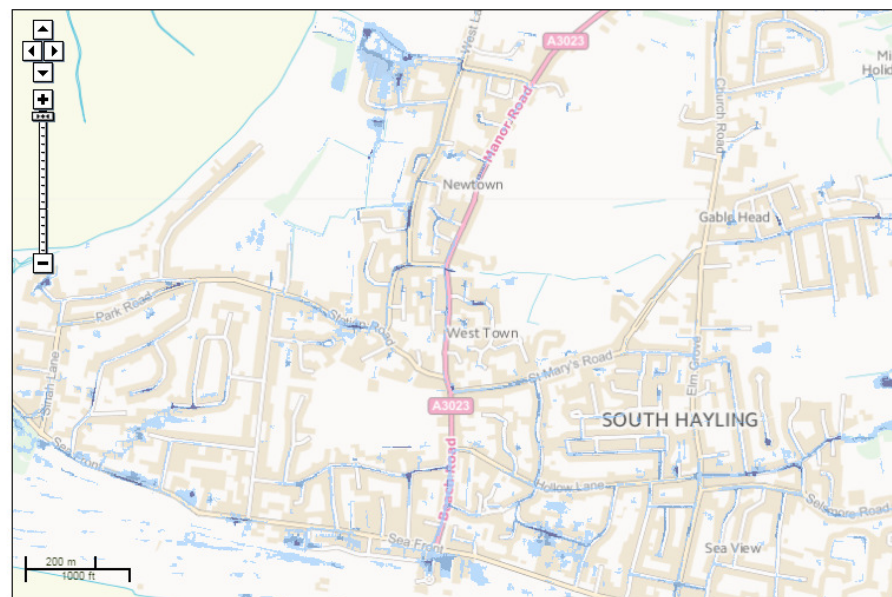
Click on the map for a more detailed explanation.

Map legend

- ☒ Risk of Flooding from Surface Water
 - High
 - Medium
 - Low
 - Very Low
- ☒ Other national environmental organisations
 - Natural Resources Wales Area of responsibility
 - Scottish Environment Protection Agency Area of responsibility

Map of X: 471,473; Y: 99,684 at scale 1:10,000

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EA web map Risk of flooding from surface water

What does 'very low' mean?

Very low means that each year, this area has a chance of flooding of less than 1 in 1000 (0.1%).

What does 'low' mean?

Low means that each year, this area has a chance of flooding of between 1 in 1000 (0.1%) and 1 in 100 (1%).

What does 'medium' mean?

Medium means that each year, this area has a chance of flooding of between 1 in 100 (1%) and 1 in 30 (3.3%).

What does 'high' mean?

High means that each year, this area has a chance of flooding of greater than 1 in 30 (3.3%).

This type of flooding can be difficult to predict, much more so than river or sea flooding as it is hard to forecast exactly where or how much rain will fall in any storm.

This is based on the best information we have available, such as ground levels and drainage.



Enter a postcode or place name:

Other topics for this area...

Groundwater

Go

Groundwater

Map legend

☒ Groundwater source protection zones

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

☐ Aquifer Maps - Superficial Deposits Designation

- Principal
- Secondary A
- Secondary B
- Secondary (undifferentiated)
- Unknown (lakes and landslip)

☐ Aquifer Maps - Bedrock

X: 470,796;Y: 99,697 at scale 1:20,000

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EA web map Groundwater Source Protection Zones



Enter a postcode or place name:

Other topics for this area...

Groundwater

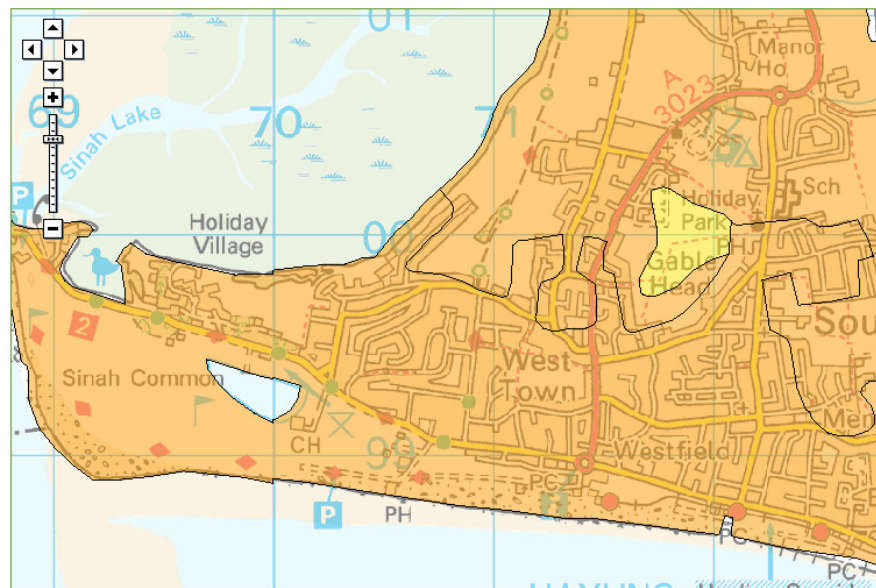
Go

Map legend

- ☐ Groundwater source protection zones
- ☒ Inner zone (Zone 1)
- ☒ Inner zone - subsurface activity only (Zone 1c)
- ☒ Outer zone (Zone 2)
- ☒ Outer zone - subsurface activity only (Zone 2c)
- ☒ Total catchment (Zone 3)
- ☒ Total catchment - subsurface activity only (Zone 3c)
- ☒ Special interest (Zone 4)
- ☐ Aquifer Maps - Superficial Deposits Designation
- ☒ Principal
- ☒ Secondary A
- ☒ Secondary B
- ☒ Secondary (undifferentiated)
- ☒ Unknown (lakes and landslip)
- ☐ Aquifer Maps - Bedrock

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☒ **Groundwater Vulnerability Zones**

- ☒ Major Aquifer High
- ☒ Major Aquifer Intermediate
- ☒ Major Aquifer Low
- ☒ Minor Aquifer High
- ☒ Minor Aquifer Intermediate
- ☒ Minor Aquifer Low

EA web map Groundwater vulnerability Zones



Enter a postcode or place name:

Other topics for this area...

Drinking Water Safeguard Zones

Go

Drinking Water Safeguard Zones

Map legend

- ☒ Surface Water Safeguard Zones
- ☒ Safeguard Zones
- ☒ Groundwater Safeguard Zones
- ☒ Safeguard Zones
- ☒ Water Protection Zones
- ☒ Dee Catchment
- ☒ Other national environmental organisations
- ☒ Natural Resources Wales Area of responsibility
- ☒ Scottish Environment Protection Agency Area of responsibility

Map of X: 470,795.67; Y: 99,697.23 at scale 1:20,000

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EA web map Drinking Water Protection Areas (Surface Water)



Enter a postcode or place name:

Other topics for this area...

Drinking Water Safeguard Zones

Go

Drinking Water Safeguard Zones

Map legend
☐ Surface Water Safeguard Zones
☒ Safeguard Zones
☐ Groundwater Safeguard Zones
☒ Safeguard Zones
☐ Water Protection Zones
☒ Dee Catchment
☐ Other national environmental organisations
☒ Natural Resources Wales Area of responsibility
☐ Scottish Environment Protection Agency Area of responsibility

Map of X: 470,795.67; Y: 99,697.23 at scale 1:20,000

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EA web map Drinking Water Protection Areas (Groundwater)

NEW7

